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 OFFICE OF PRIMARY INTEREST  
 THE UNITED STATES

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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## Technology Center 2100

**September 19, 2003**

**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

## INFORMATION DISCLOSURE STATEMENT

**Sir,**

Pursuant to 37 C.F.R. § 1.56, Applicant respectfully directs the Examiner's attention to the documents listed below and on the enclosed Form PTO-1449. A copy of each document so listed is enclosed.

U.S. Patent No. 4,891,710  
U.S. Patent No. 5,805,738  
U.S. Patent No. 6,330,075  
Japan 6-66876  
Japan 7-22334  
Japan 7-93682  
Japan 11-146201  
Japan 9-179974  
Japan 5-075863

R. Floyd, et al., "An Adaptive Algorithm for Spatial Grey Scale", Society for Information Display, 1975, pp-36.

It is noted that U.S. Patent 4,891,170 is an English language counterpart for each of Japan 6-66876, Japan 7-22334 and Japan 7-93682, and U.S. Patent No. 5,805,738 is an English language counterpart for Japan 9-179974.

An English language translation has been obtained for the document Japan 5-075863 and is enclosed for the Examiner's consideration.

English-language abstracts for each of the foregoing Japanese documents have been located and are enclosed for the Examiner's consideration. In addition, the foregoing Japanese documents are discussed in the specification and might be deemed pertinent for the reasons given there.

The concise explanation of relevance for each of the non-English language documents is believed to be satisfied by any of the English language abstracts, the discussion of relevance provided in the specification, the English language counterparts, and the English language translation. See MPEP § 609.

Inasmuch as this application has not yet received a first Office Action on the merits, it is believed that this Information Disclosure Statement is timely. See 37 C.F.R. § 1.97(b)(3). Accordingly, the Examiner is urged to study this information in its entirety and to form an independent determination of the materiality of the information to the claimed invention. Additionally, the Examiner is requested to indicate that this information has been considered by initialing the appropriate portion of Form PTO-1449 and returning the initialed form to Applicant with the next communication.

Applicant's undersigned attorney may be reached in our Costa Mesa,  
California office at (714) 540-8700. All correspondence should continue to be directed to  
our below-listed address.

Respectfully submitted,



Attorney for Applicant

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FORM PTO 1449 (modified)  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)				ATTY DOCKET NO. <b>00862.023127.</b>		APPLICATION NO. <b>10/611,948</b>	
APPLICANT <b>HISASHI ISHIKAWA</b>				FILING DATE <b>July 3, 2003</b>		GROUP <b>N/Y/A</b>	
U.S. PATENT DOCUMENTS							
EXAMINER REF ID	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	4,891,710	01/02/80	Nakazato et al.	358	443		
	5,805,738	09/08/98	Kaburagi et al.	382	251		
	6,330,075	12/11/01	Ishikawa	358	1.9		
						<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;">           RECEIVED            MAR 03 2004            Technology Center 2100         </div>	
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT	
	JP 6-66876	08/24/94	Japan			Abstract	
	JP 7-22334	03/08/95	Japan			Abstract	
	JP 7-93682	10/09/95	Japan			Abstract	
	JP 11-146201	05/28/99	Japan			Abstract	
	JP 9-179974	07/11/97	Japan			Abstract	
	JP 5-075863	03/26/93	Japan			Translation	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	R. Floyd, et al., "An Adaptive Algorithm for Spatial Grey Scale", Society for Information Display, 1975, pp-36.						
EXAMINER				DATE CONSIDERED			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 1 of 1